Application No. 10/743,511
Amendment Dated June 21, 2005
Reply to Office Action of May 24, 2005

Amendments to the Specification:

Please replace paragraph [0044] with the following amended paragraph:

[0044] In one embodiment of the invention, current sources N and N' may transmit currents concurrently. If current sources N and N' transmit currents I and I' concurrently and the voltage measured at the monitor electrode M is V, [[.]] then the formation resistivity, R, may be calculated as

$$R = K \frac{V}{I_1 + I_2} \text{ where K is the } \underline{\text{tool constant} \ldots\ldots\ldots\ldots[1]}$$